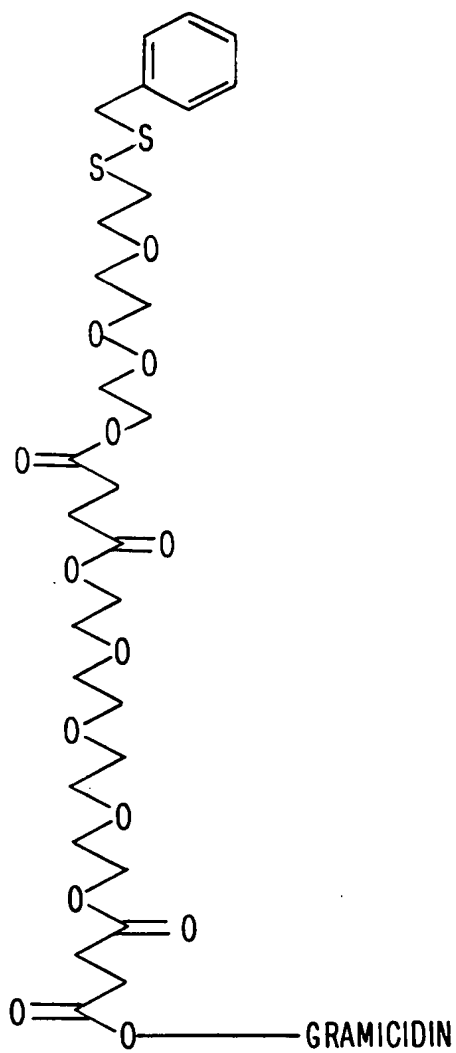


APPROVED	O.G. FIG.	
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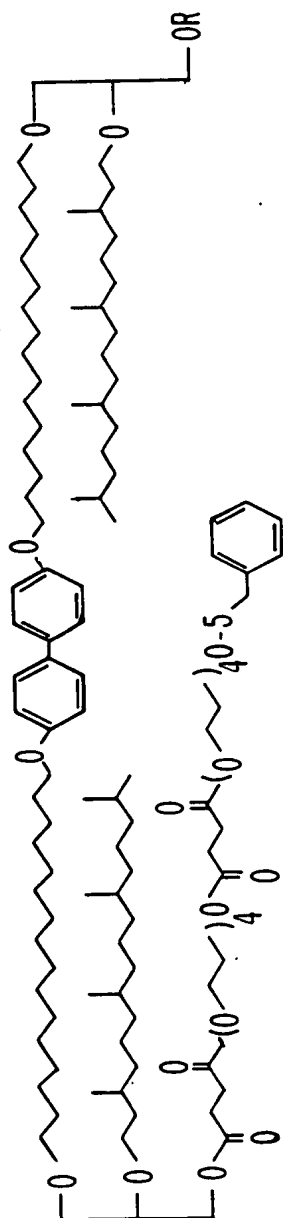


LINKER GRAMICIDIN B

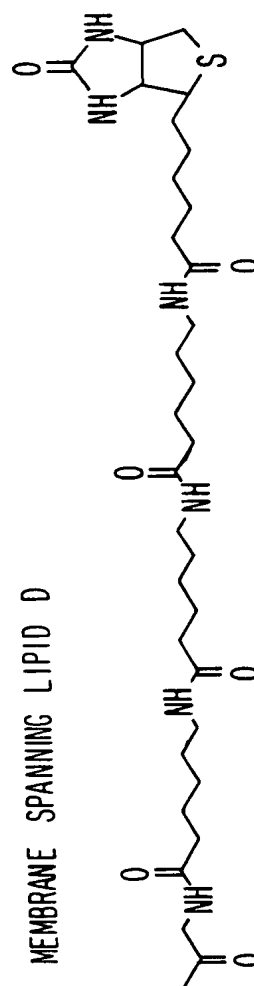
FIG. 2

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MEMBRANE SPANNING LIPID D



MEMBRANE SPANNING LIPID C

FIG. 3

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FIG. 7B

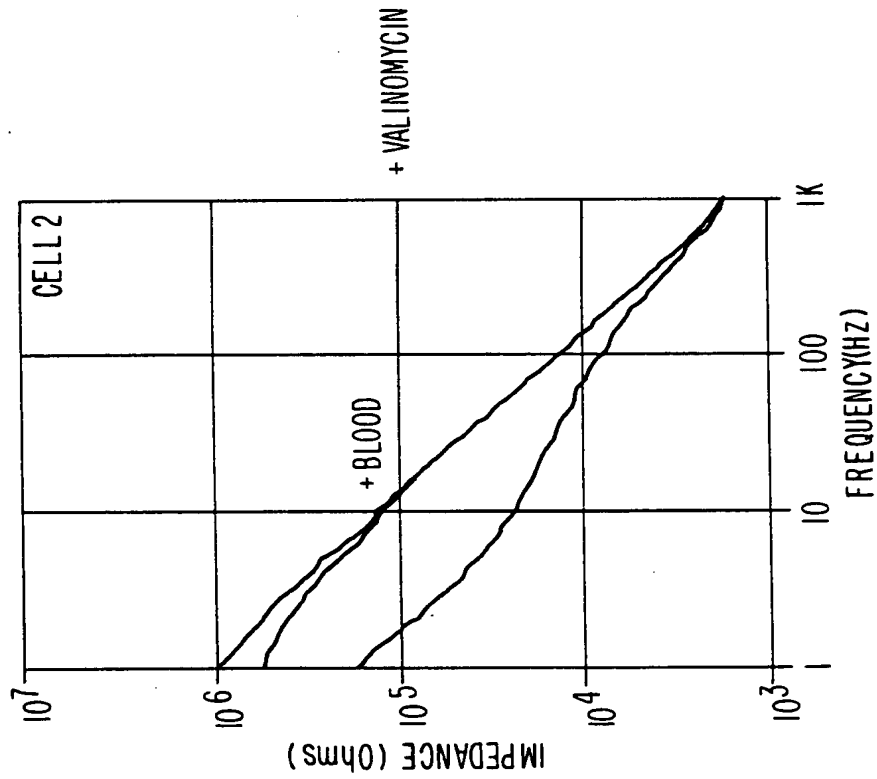
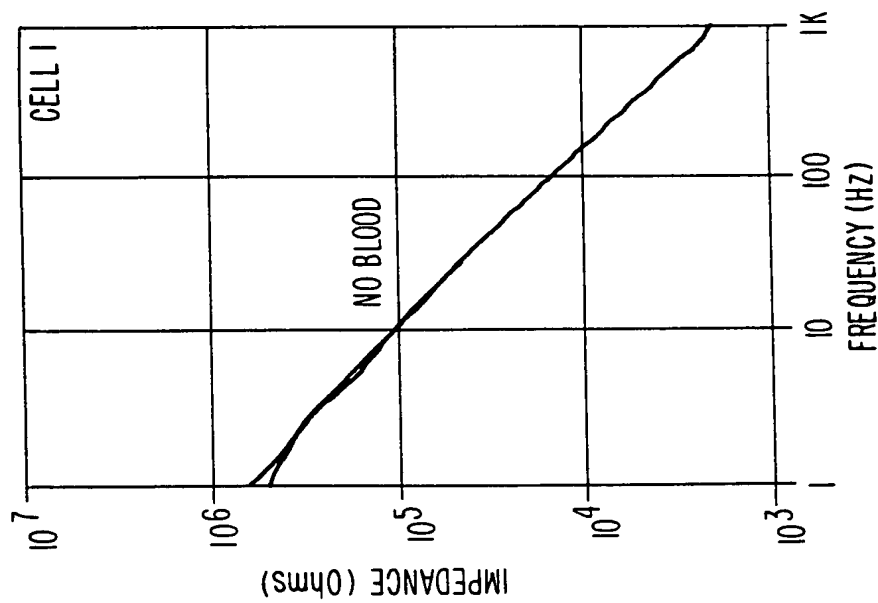


FIG. 7A



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NO VALINOMYCIN

FIG. 7D

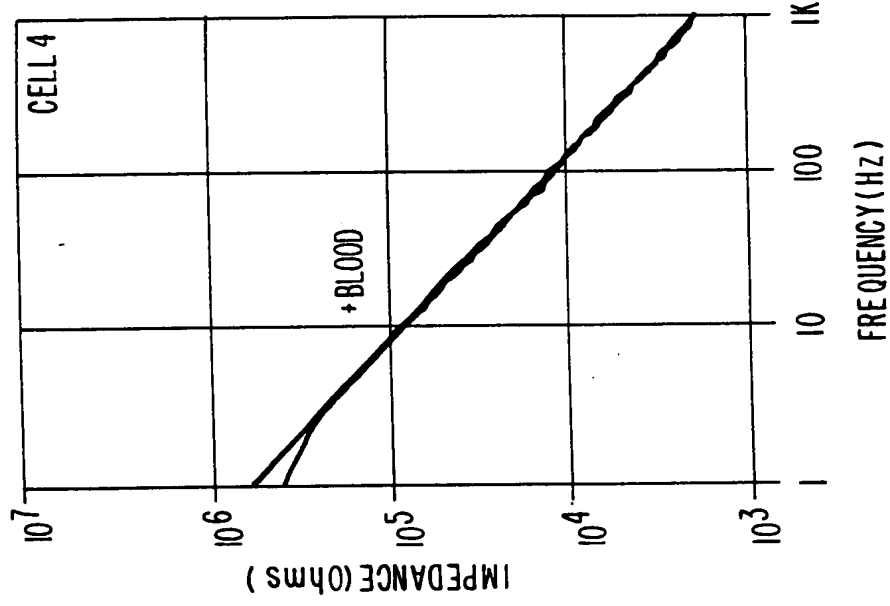
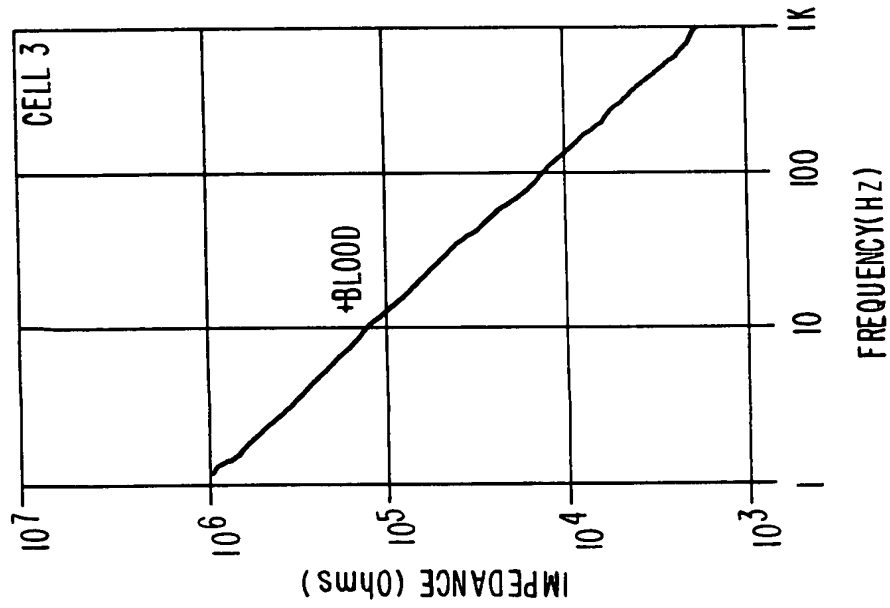


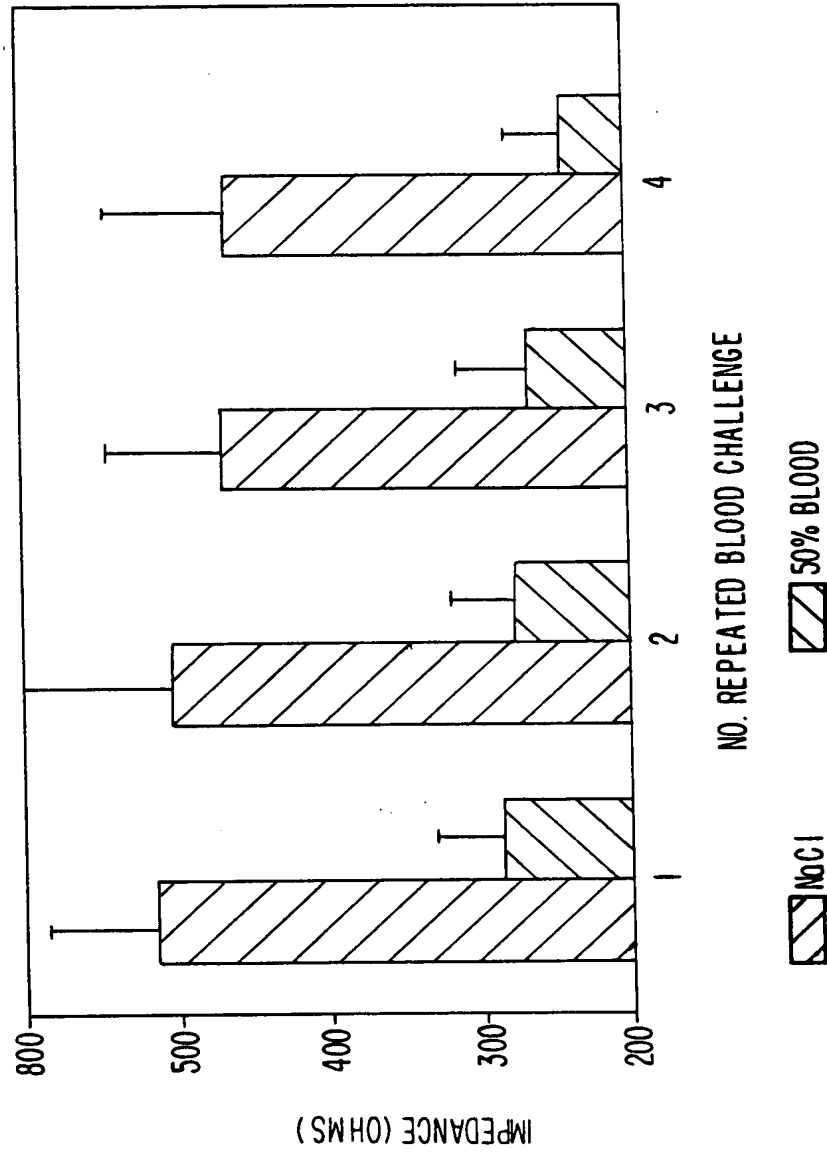
FIG. 7C



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FIG. 8

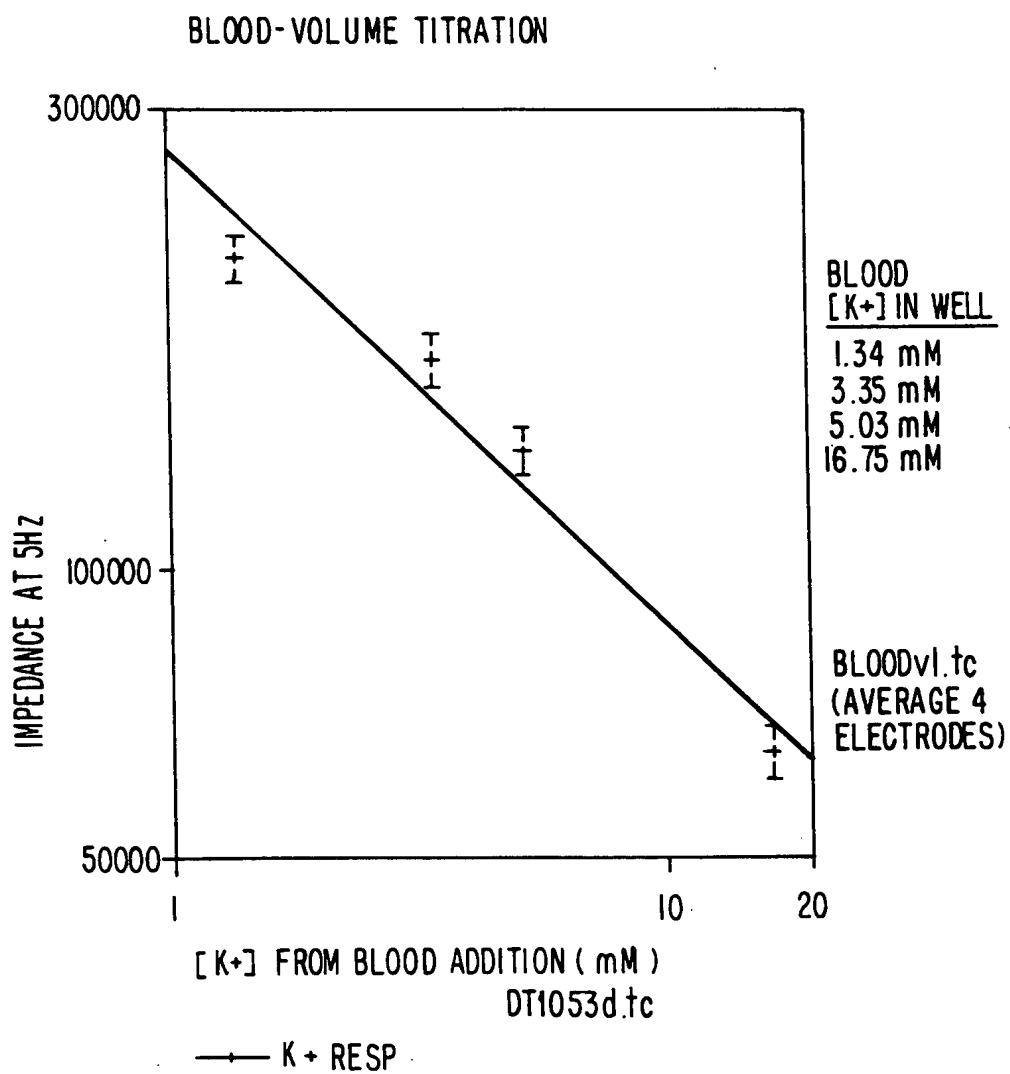
REPEATED CHALLENGE WITH BLOOD:
ALL MONOLAYERS, PBS WASH, + mM VAL



APPROVED	O.G. FIG.	
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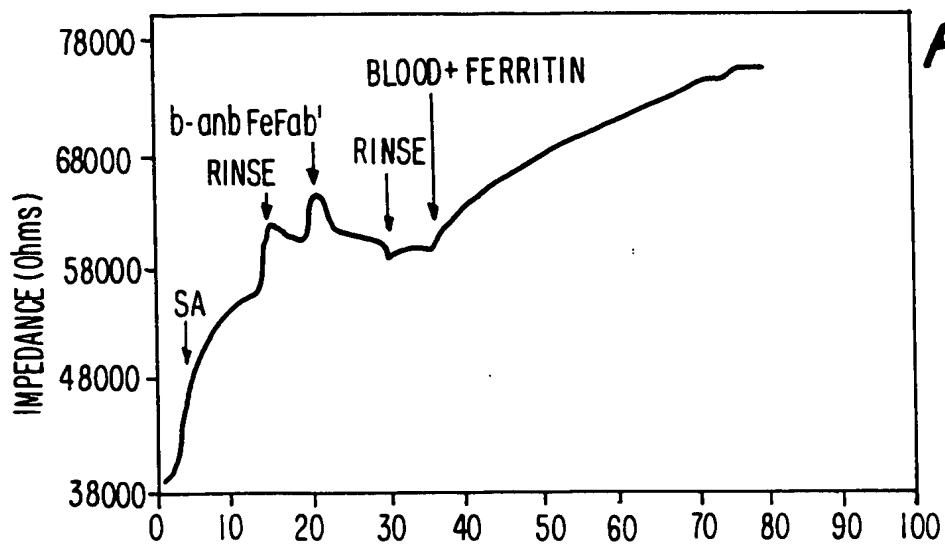
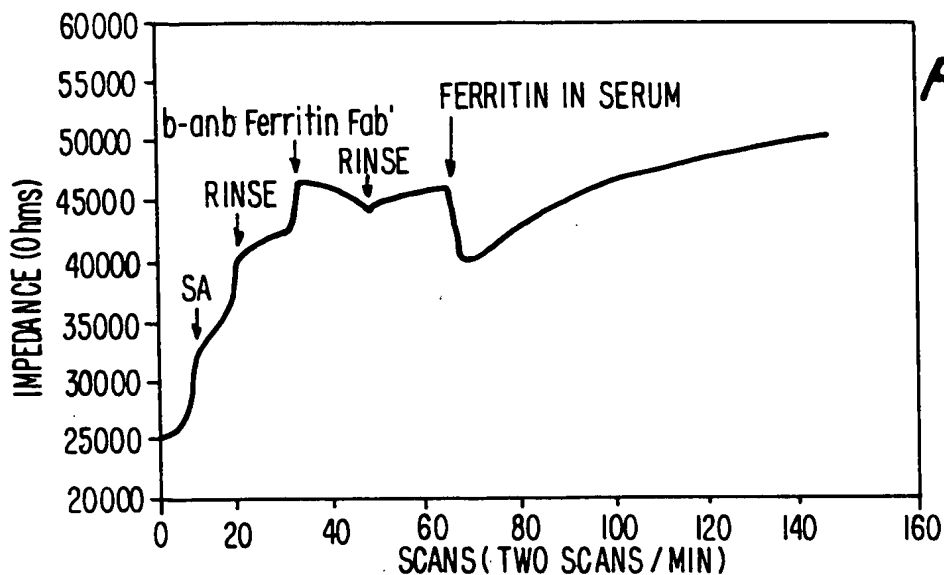
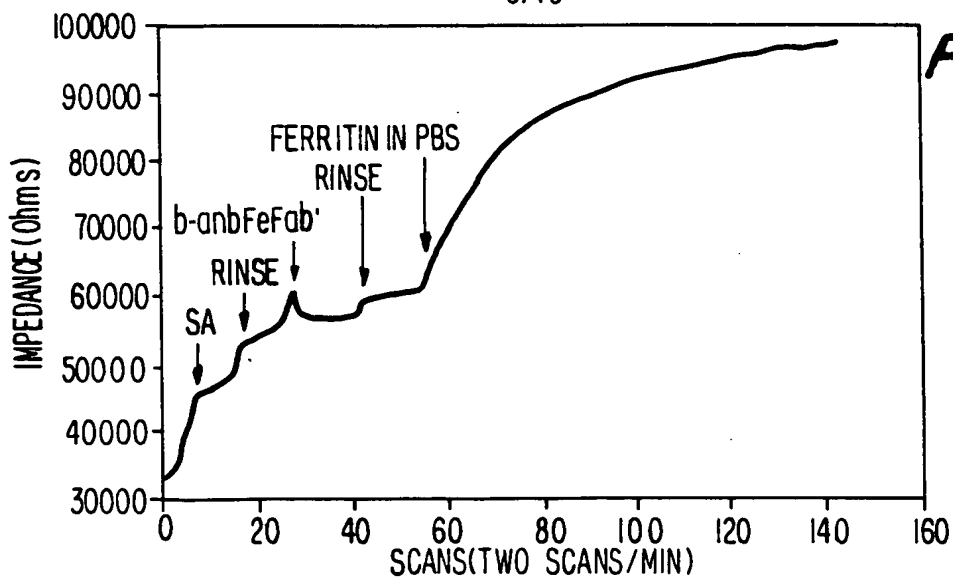
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FIG. 9



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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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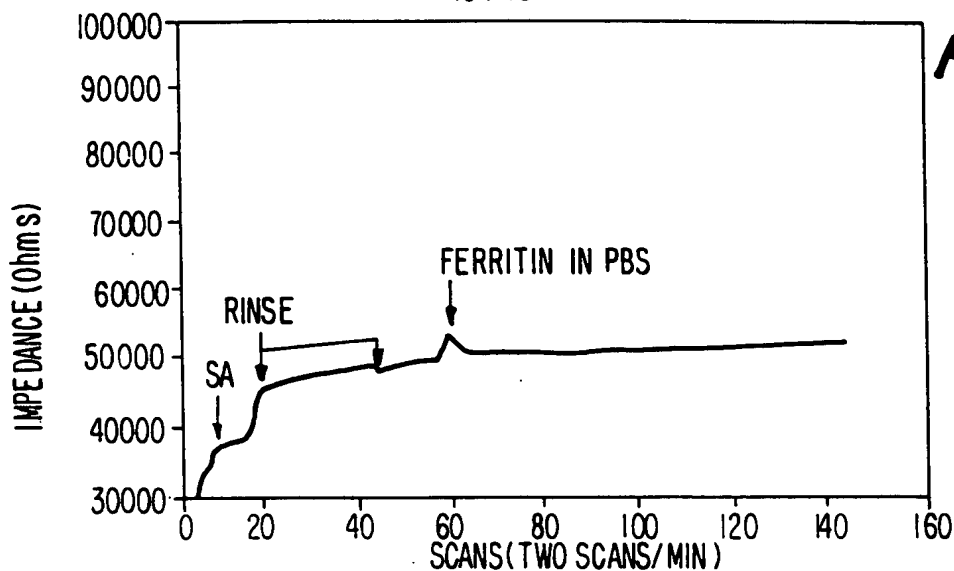


FIG. 10D

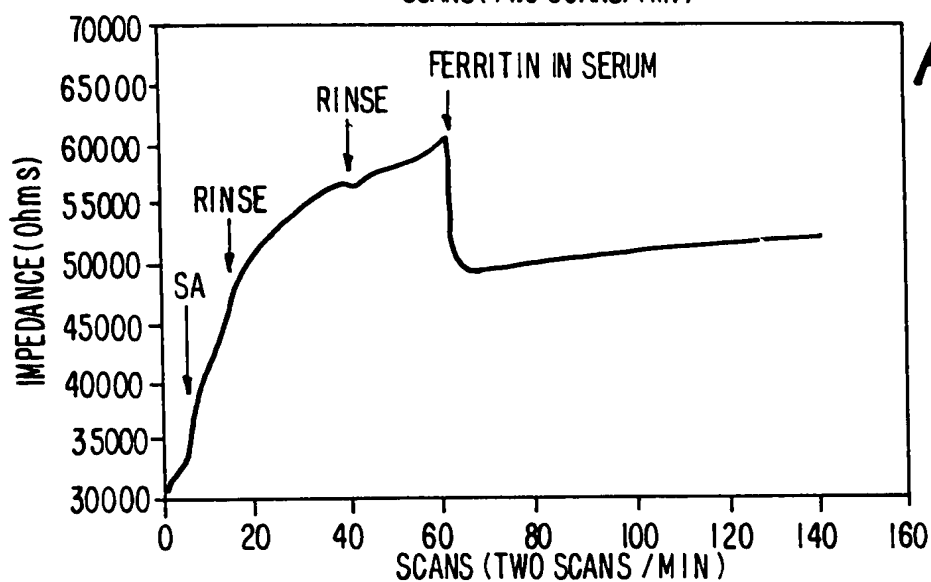


FIG. 10E

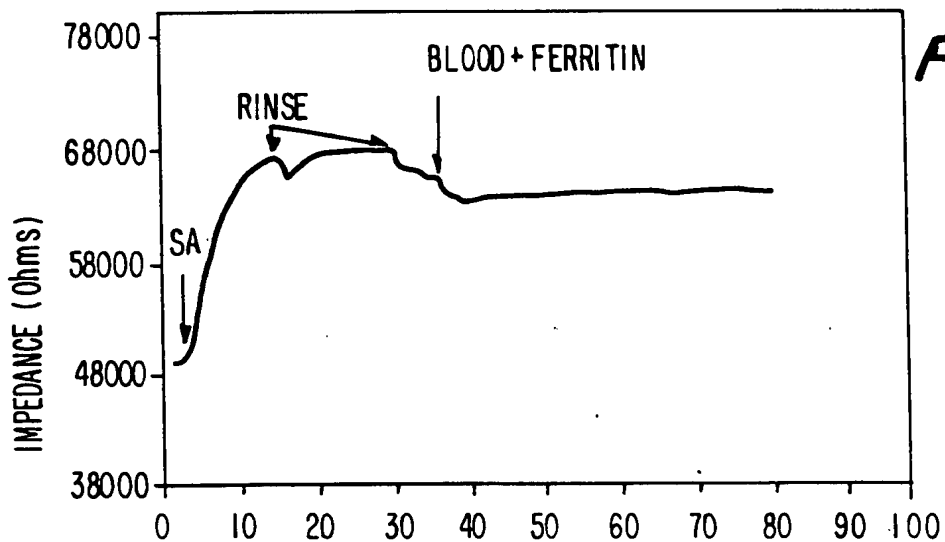


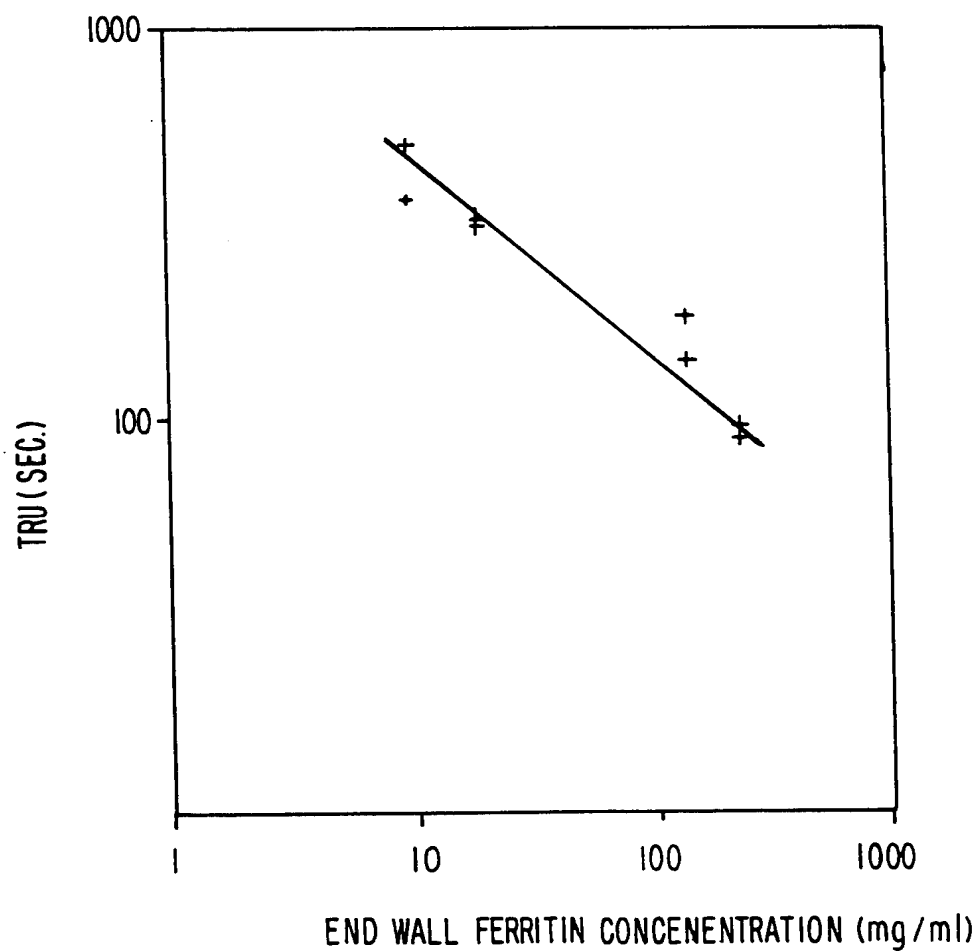
FIG. 10F

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG. 11

ENDOGENOUS SERUM FERRITIN DETECTION
FROM 4 DIFFERENT VOLUNTEERS

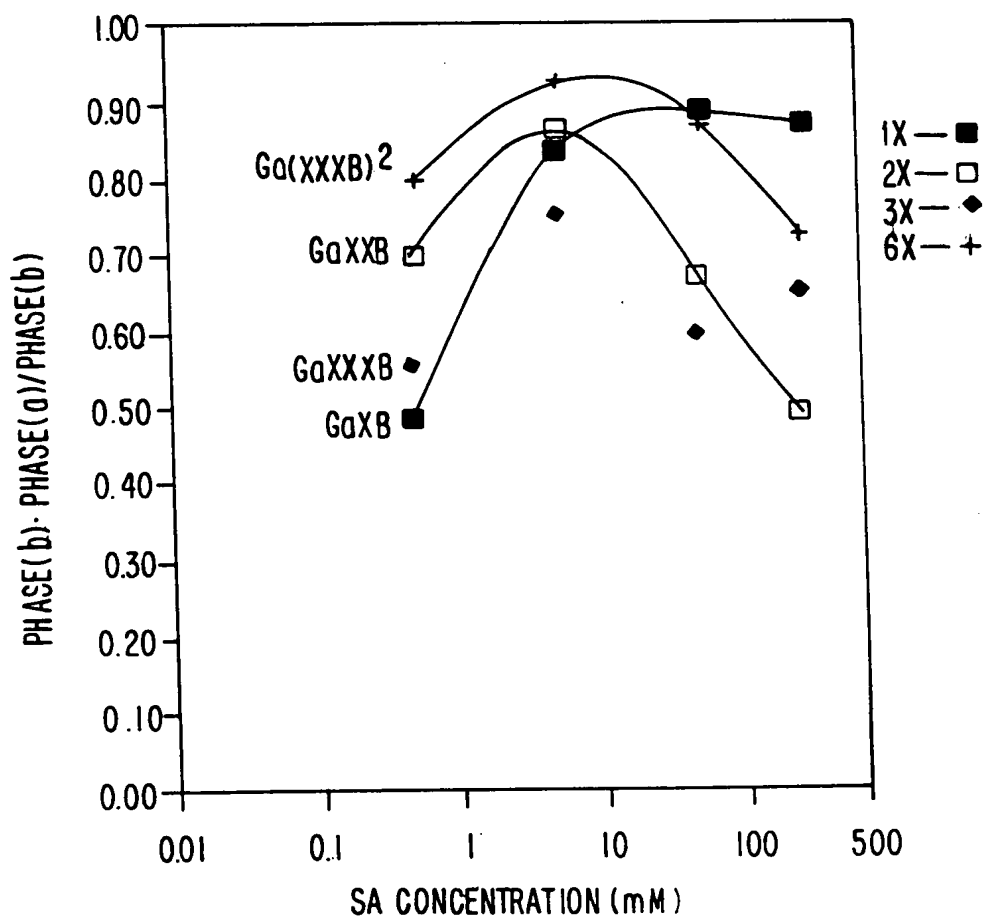


APPROVED	O.G. FIG.	
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FIG. 12

SA TITRATION WITH VARIOUS GaX..B



METHOD: 5/4 MEMBRANES

1st LAYERS: 10mM GMPE

1 mM DLP

10 uM MSLXXB

0.8 mM MAAD

0.1 uM GaYYSS

2nd LAYERS: 28 mM GMPE

0.28 uM GaX..B CHOSEN FROM THE FOLLOWING:

GaXB

GaXXB

GaXXXB

Ga(XXXB)₂

APPROVED	O.G. FIG.	
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EXAMPLE OF T_4 ASSAY WITH AMBRIBIOSENSOR

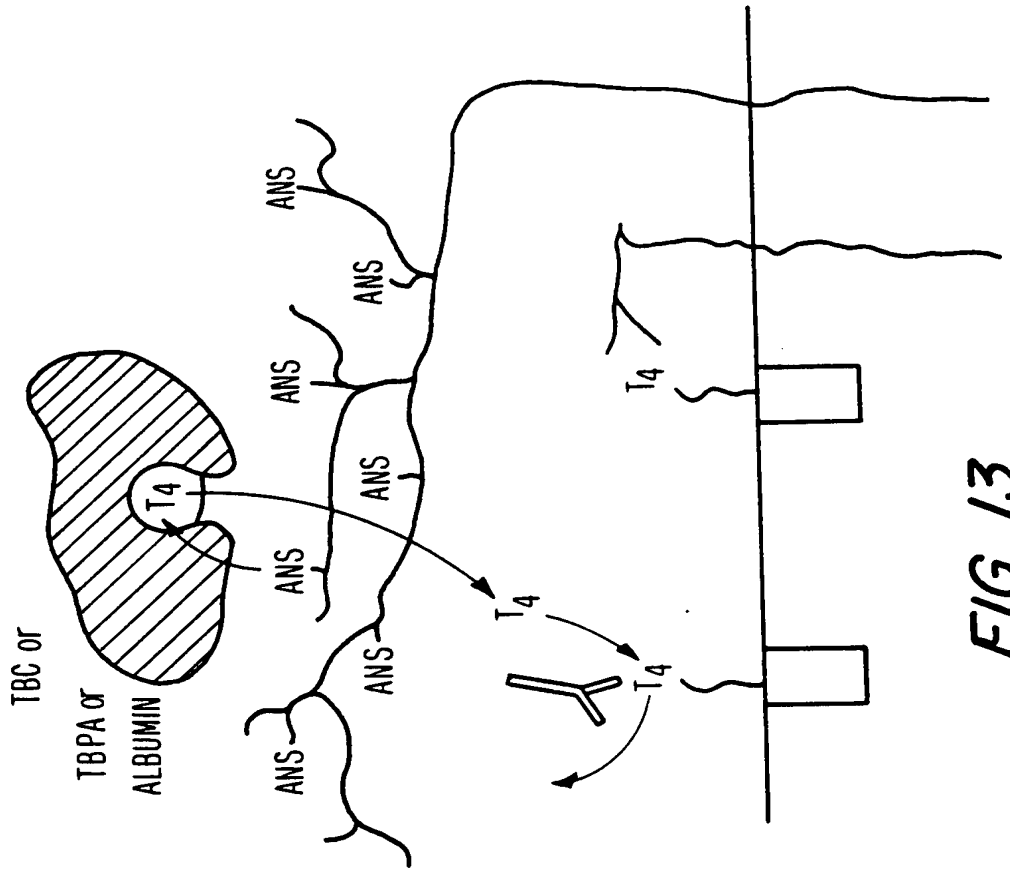
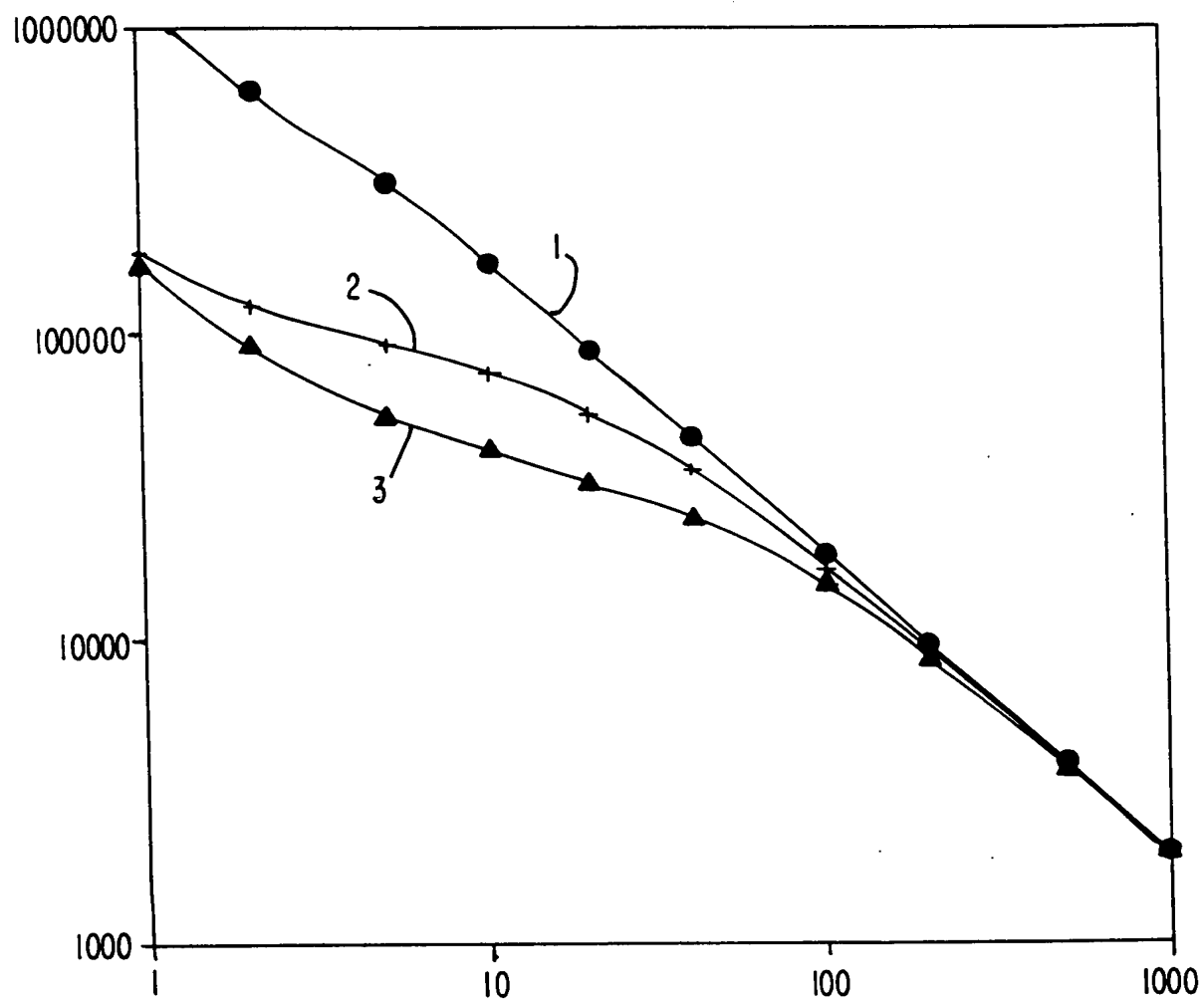


FIG. 13

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FIG. 14

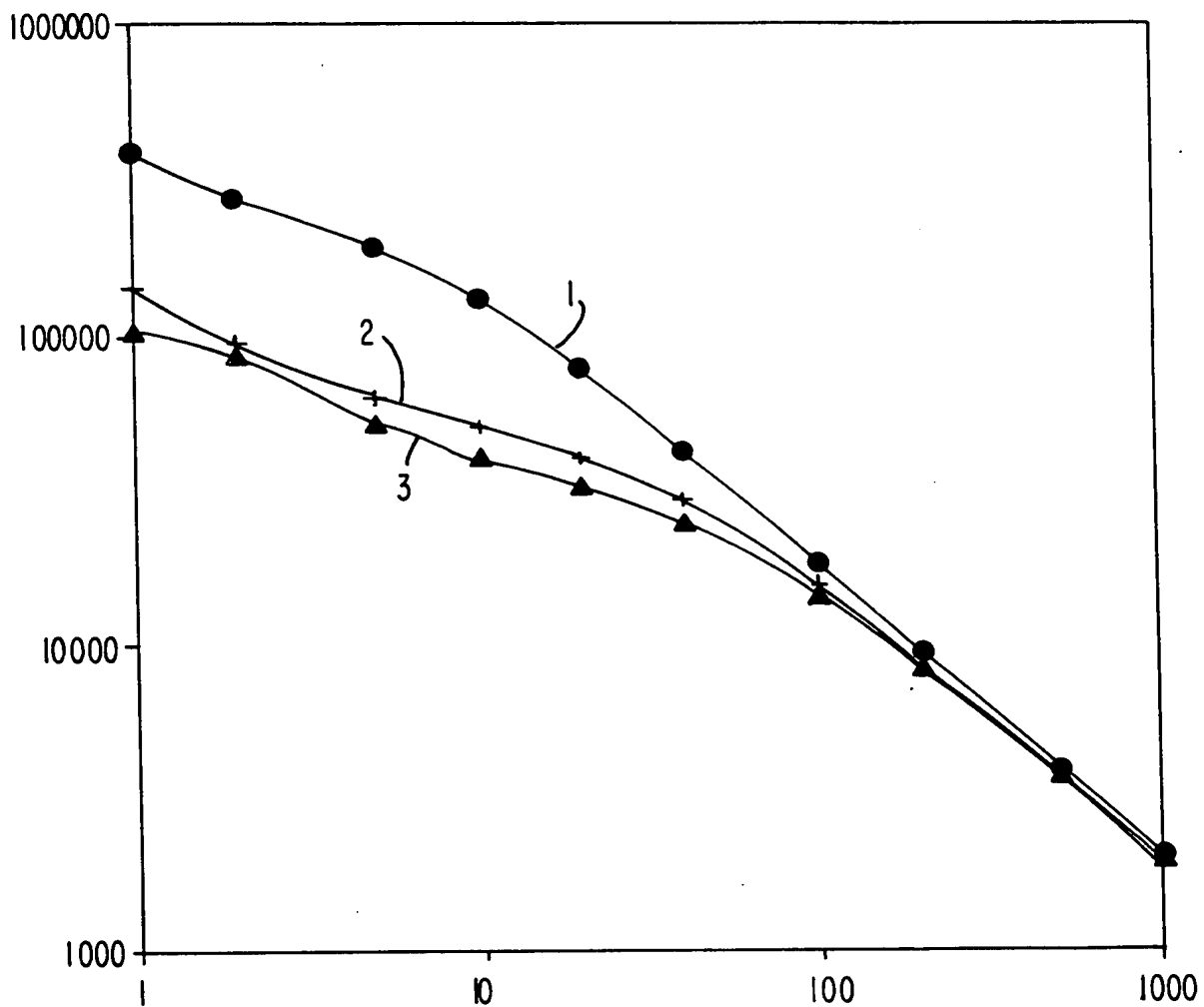


- (1) BEFORE THE ADDITION OF GRAMICIDIN/SDS
- (2) AFTER THE ADDITION OF GRAMICIDIN/SDS, STREPTAVIDIN AND BIOTINYLATED FAB'
- (3) AFTER THE ADDITION OF FERRITIN

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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FIG. 15



- (1) BEFORE ADDITION OF GRAMICIDIN /STREPTAVIDIN
 (2) AFTER ADDITION OF GRAMICIDIN/STREPTAVIDIN AND BIOTINYLATED FAB'S
 (3) AFTER ADDITION OF TSH